Attorney's Docket No. 48449

Page 1 of 4

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

		OPTICAL REPRODUCING DEVICE AND OPTICAL MEMORY MEDIUM
which is des	cribed and	claimed in:
(2)	Œ	the specification attached hereto.
70		the specification in U.S. Application Serial Number, filed on
		the specification in PCT international application Number filed on; and was amended on

Fine I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56(a). I hereby claim foreign priorify benefits under Title 35. United States Code, \$119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. 119?
9–167009	Jun. 24, 1997	Japan	
9–192361	Jul. 17, 1997	Japan	XIYES □NO
			□YES □NO
			□YES □NO
			□YES □NO
			□YES □NO
			□YES □NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applica	ations or PCT Interna	tional Applications Designating th	e U.S-Benefit	Under 35 U	.S.C. §120
	U.S. Application	ons	St	atus (Check	One)
Application	Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
(i) PC	T Applications Design	ating the U.S.			
Application No.	Filing Date	U.S. Serial No. Assigned			
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CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. § 119(e))

(50 015101 \$ 215(4))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Sewall P. Bronstein	(Reg. No. 16,919)	Linda M. Buckley	(Reg. No. 31,003)	David S. Resnick	(Reg. No. 34,235)
David G. Contin	(Reg. No. 27,026)	Ronald I. Eisenstein	(Reg. No. 30,628)	Peter F. Corless	(Reg. No. 33,860)
George W. Neuner	(Reg. No. 26,964)	Henry D. Pahi, Jr.	(Reg. No. 20,438)		
Emac V Linek	(Per No. 20 822)	Perer 1 Manus	(Reg. No. 26 766)		

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SEND CORRESPONDENCE TO:

David G. Conlin, Esq. Dike, Bronstein, Roberts & Cushman, LLP 130 Water Street

DIRECT TELEPHONE CALLS TO:

David G. Conlin, Esq.

Boston, Massachusetts 02109			(617) 523-3400		
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10	LIVELION	Okumura	Tets	uya	
	ESIDENCE &	СПУ	STATE OR	FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
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	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
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	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
2 0 3	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any parent issued thereon.

Signature of Inventor 201	Signature of Inventor 202	٦
Tetsuya OKUMURA	Hiroshi Figi	
Dare: June 1, 1998	Date: June 1, 1998	

FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02 Tab settings -> +

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERC Patent and Trademark Offi

ncket No.: 48449

PATENTS ONLY

1. Name of conveying party(les): Tetsuya Okumura Hiroshi Fuji Additional names(s) of conveying party(les) 3. Nature of conveyance: Security Agreement Merger Security Agreement Change of Name Other State/Prov.: Execution Date: June 1, 1998 Additional number(s) or registration numbers(s): Iithis document is being filled together with a new application, the execution date of the application is: June 1, 1998 Additional numbers Patent Application No. Filling date B. Patent No.(s) Total fee (37 CFR 3.41):	To the Honorable Commissioner of Patents and Trademarks: I	Please record the attached original documents or copy thereof.
Additional names(s) of conveying party(tes) Additional names(s) of conveying party(tes) Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Country: State/Prov.: Execution Date: June 1, 1998 Additional name(s) & address(es) Yes No Application number(s) or registration numbers(s): (ithis document is being filled together with a new application, the execution date of the application is: June 1, 1998 B. Patent Application No. Filing date B. Patent No.(s) S. Name and address of party to whom correspondence toncerning document should be mailed: Name: David G. Coulin Total fee (37 CFR 3.41): 1,000.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Diks, Bronstein, Roberts & Cushman, LLP City: Boston State/Prov.: MA Country: U.S.A. ZIP: 02109 Do Not Use This SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing intermation is true and correct and any attached copy is a true copy of the original document. David G. Conlin June 24, 1998 Date	Tetsuya Okumura	
Additional names(s) of conveying party(tes)	Hiroshi Fuji	Name: Sharp Kabushiki Kaisha
3. Nature of conveyance: Security Agreement		Address: 22-22 Nagaiki-cho Abeno-ku
Security Agreement	Additional names(s) of conveying party(les)	Osaka 545-8522 JAPAN
City:	3. Nature of conveyance:	
Country: ZIP: Execution Date: June 1, 1998 Additional name(s) & address(es) Yes No Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: June 1, 1998 Patent Application No. Filing date B. Patent No.(s) Patent No.(s) Patent No.(s)	■ Assignment	
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4. Application number(s) or registration numbers(s): if this document is being filed together with a new application, the execution date of the application is: June 1, 1998 B. Patent No.(s) B. Patent No.(s) S. Name and address of party to whom correspondence concerning document should be mailed: Name: David G. Conlin Registration No. 27,026 Address: Dike, Bronstein, Roberts & Cushman, LLP City: Boston Country: U.S.A. State/Prov.: MA Country: U.S.A. ZIP: 02109 Do Not Use This space 9. Statement and signature. To the best of my knowledge and belief, the foregoing intermation is true and correct and any attached copy is a true copy of the original document. David G. Conlin June 24, 1998 Signature Date	☐ Other	Country: ZIP:
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Additional numbers 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):	Patent Application No. Filing date	B. Patent No.(s)
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City: Boston	Additional numbers	☐ Yes ⊠ No
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Registration No. 27,026 Address: Dike, Bronstein, Roberts & Cushman, LLP City: Boston Country: U.S.A. Divide State/Prov.: MA Country: U.S.A. Do Not use this space 9. Statement and signature. To the best of my knowledge and belief, the foregoing internation is true and correct and any attached copy is a true copy of the original document. David G. Conlin Name of Person Signing Signature 2 Date	Name: David G. Conlin	7 Total fee /37 CFR 3.41): \$ 1.000.00
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for good and valuable consideration from SHARP KABUSHIKI KAISHA
having its principal place of business in Osaka, Japan bereinafter called the Assignee, receipt of which is bereby acknowledged, do hereby call accing and transfer unto the Assignee, its successors and assigns, the entire
hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby
sell, assign and transfer unto the Assignee, its successors and assigns, the entire
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for Improvements in OPTICAL REPRODUCING DEVICE AND OPTICAL MEDION
including all priority rights ensuing therefrom, and the inventions and any of them
therein set forth and described, and any and all Letters Patent of the United States
and of countries foreign thereto which may be granted thereon or therefor, together
with the right to apply for such Letters Patent.
And for the above consideration we agree promptly upon request of the Assignee,
its successors or assigns, to execute and deliver without further compensation any
power of attorney, assignment, application, whether original, divisional, continuation
or reissue, or other papers which may be necessary or desirable fully to secure to the
Assignee, its successors and assigns, the inventions and any of them described in said
application and all patent rights therein, in the United States and in any country
foreign thereto.
The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts &
Cushman the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the
U.S. Patent and Trademark Office for recordation of this document.
THE COMPANY OF THE CO
hand and seal this 1st day of June , 1998 I. Hiroshi FILI
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Notary Public

*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.